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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Harry Richard CLARINGBURN	Attorney Docket No.: P/62322
Application No.: 10/517,671	Group Art Unit:
Filed: September 19, 2005	Examiner:
Title: MAXIMISING POWER IN OPTICAL COMMUNICATION NETWORKS	

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or
 - (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
 - Statement under 37 CFR 1.97(e), or
 - a \$180.00 fee under 37 CFR 1.17(p), or
 - (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
 - Statement under 37 CFR 1.97(e), and
 - a \$180.00 fee set forth in 37 CFR 1.17(p).
 - (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as **Express Mail No. EV 667 151 763** **US** in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on:

Date of Deposit: September 19, 2005

Typed Name: Lori G. Witkin

Signature: Lori G. Witkin

Respectfully submitted,

Maudie W. Schiffler

for

Alan Israel

Attorney/Agent for Applicant(s)

Reg. No. 27564

Date: September 19, 2005

Telephone No.: 212-697-3750

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/517,671
				Filing Date	September 19, 2005
				First Named Inventor	Harry Richard CLARINGBURN
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	P/62322

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document- MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
		0 543 570	A2	European	11/12/1992		
		CA 2 347 687	A1	Canada	05/04/2000		
		EP 1 011 221	A2	European	06/21/2000		
		EP 0 926 854	A2	European	06/30/1999		
		EP 0 924 888	A2	European	06/23/1999		
		WO 02/09299	A2	International	01/31/2002		

Examiner Signature		Date Considered	
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*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INVESTOR IN PEOPLE

Application No: GB 0213385.8
 Claims searched: 1-27

Examiner: Matthew Nelson
 Date of search: 21 January 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1,2,4,6,7, 9,10,12, 13,15,17, 18,20-22	EP 1011221 A2 (FUJITSU) See whole document, in particular figures 3 and 6-8, and paragraphs [0012], [0053]-[0060].
X	1,2,4,6- 10,12,13, 15,17-21	EP 0926854 A2 (NORTHERN TELECOM.) See whole document.
X	1-4,6- 10,12,13, 15,17-21	EP 0924888 A2 (NORTHERN TELECOM.) See whole document, in particular figures 1, 3 and 4 and paragraphs [0016], [0020] and [0021].
X	1,2,4,6- 10,12,13, 15,17-21	WO 02/09299 A2 (SYCAMORE NETWORKS) See whole document, in particular p. 24, lines 13-19.
A, E		US 20020109881 A1 (YANG) See e.g. paragraphs [0048] and [0049].
X	1,2,4,6,7, 9-15,17, 18,20-25	US 20020015199 A1 (EDER et al) See figure 1.

Categories:

X Document indicating lack of novelty or inventive step	A Document indicating technological background and/or state of the art
Y Document indicating lack of inventive step if combined with one or more other documents of same category.	P Document published on or after the declared priority date but before the filing date of this invention.
& Member of the same patent family	E Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^v:

H4B

Worldwide search of patent documents classified in the following areas of the IPC⁷:

H04B; H04J

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, JAPIO